

# INTERNATIONAL SEARCH REPORT

International application No  
PCT/GB2006/001325

A. CLASSIFICATION OF SUBJECT MATTER  
INV. H04R23/00 H04R1/44 H04B10/12

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
H04R H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 459 486 B1 (UDD ERIC ET AL) 1 October 2002 (2002-10-01) cited in the application column 1, lines 28,29,44,45 column 2, lines 1,2,54-57 column 2, line 65 - column 3, line 5 column 3, lines 20-23,58-67 column 4, lines 7-9,16-19 column 5, lines 48-52 figure 1	1-10
Y	EP 1 496 723 A (THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY) 12 January 2005 (2005-01-12) paragraphs [0001], [0006], [0014], [0016], [0017] figure 1	1-10

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

17 May 2006

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01/67806 A (THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY) 13 September 2001 (2001-09-13) paragraphs [0070], [0323], [0305]	1,9

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/GB2006/001325

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6459486	B1	01-10-2002	NONE
EP 1496723	A	12-01-2005	NONE
WO 0167806	A	13-09-2001	AU 5289301 A 17-09-2001
		CA 2401983 A1	13-09-2001
		EP 1260116 A1	27-11-2002
		JP 2003526098 T	02-09-2003
		NO 20024211 A	24-10-2002